

# INDEX TO VOLUME 55, 1965

## TABLE OF CONTENTS

Impact of Negro Migration on the Electoral Geography of Flint, Michigan, 1932-1962: A Cartographic Analysis .....	PEIRCE F. LEWIS	1
The Population Syndromes on the Colorado Piedmont .....	M. JOHN LOEFFLER	26
Communal Land Tenure in Chile .....	WILLIAM F. WINNIE, JR.	67
The Role of Government in New Zealand Wheat Growing .....	GORDON J. FIELDING	87
Evolution of Seaports in Ghana, 1800-1928 .....	K. B. DICKSON	98
Beach-Ridge Development in Tabasco, Mexico .....	NORBERT P. PSUTY	112
Publication Trends in a Major French Geographical Journal .....	JAMES R. McDONALD	125
Population Changes in Middle Western Villages: A Statistical Approach .....	JOHN FRASER HART AND NEIL E. SALISBURY	140
The Spatial Variations in Urban Left-Wing Voting in England and Wales in 1951 .....	MICHAEL C. ROBERTS AND KENNARD W. RUMAGE	161
Estimating Precensus Populations: A Method Suggested and Applied to the Towns of Rhode Island and Plymouth Colonies in 1689 .....	HERBERT A. WHITNEY	179
Editorial Report .....		190
The Mormon Culture Region: Strategies and Patterns in the Geography of the American West, 1847-1964 .....	D. W. MEINIG	191
The Changing Plantation .....	HOWARD F. GREGOR	221
Effects of a Declining Mining Economy on the Pennsylvania Anthracite Region .....	GEORGE F. DEASY AND PHYLLIS R. GRIESS	239
Grazing Operations in the Flint Hills-Bluestem Pastures of Chase County, Kansas .....	WALTER F. KOLLMORGEN AND DAVID S. SIMONETT	260
Developments in the Irrigation Resources of the Sevan-Razdan Cascade of Soviet Armenia .....	N. H. GREENWOOD	291
The Evolution of Beersheba as an Urban Center .....	MILDRED BERMAN	308
Land-Use Regions in the Central and Northern Portions of the Inca Empire .....	KENNETH KELLY	327
Geography and Ecology: The Concept of the Community and Its Relationship to Environment .....	W. B. MORGAN AND R. P. MOSS	339
Markov Chain Analysis in Geography: An Application to the Movement of Rental Housing Areas .....	W. A. V. CLARK	351
George Babcock Cressey, 1896-1963 .....	THEODORE HERMAN	360
Was Huntington Right About Human Nutrition? .....	L. SCHUYLER FONAROFF	365

State Aided Rural Land Colonization in Malaya: An Appraisal of the F.L.D.A. Program .....	R. WIKKRAMATILEKE	377
Some Effects of Glaciation on the Susquehanna River Valley .....	J. G. NELSON	404
Jamaica's Bauxite and Alumina Industries .....	B. S. YOUNG	449
The Logic of Regional Systems .....	DAVID GRIGG	465
Additional Comments on Weighting Values in Correlation Analysis of Areal Data .....	EDWIN L. THOMAS AND DAVID L. ANDERSON	492
Some Generalizations Concerning Primate Cities .....	ARNOLD S. LINSKY	506
A Technique of Morphological Mapping .....	R. A. G. SAVIGEAR	514
Announcement of the L. Philip Denoyer Cartographic Research and Publications Memorial Fund .....		538
Method and Purpose in Functional Town Classification .....	R. H. T. SMITH	539
Folk Housing: Key to Diffusion .....	FRED KNIFFEN	549
Desert Landforms at the Kurkur Oasis, Egypt .....	KARL W. BUTZER	578
Geographic Evaluation of Climatic and Climato-Genetic Geomorphology .....	LUTZ HOLZNER AND GLEN D. WEAVER	592
Abstracts of Papers Presented at the 61st Annual Meeting of the Association of American Geographers, Columbus, Ohio, April 18-21, 1965 .....		603
Map Supplement No. 5: The Kingdom of Bhutan .....	PRADYUMNA P. KARAN	661

## INDEX

### ARTICLES

Bauxite and Alumina Industries, Jamaica's, by B. S. Young .....	449
BERMAN, MILDRED, The Evolution of Beersheba as an Urban Center .....	408
Changing Plantation, The, by Howard F. Gregor .....	221
Climatic and Climato-Genetic Geomorphology, Geographic Evaluation of, by Lutz Holzner and Glen D. Weaver .....	592
Communal Land Tenure in Chile, by William F. Winnie, Jr. ....	67
Cressey, 1896-1963, George Babcock, by Theodore Herman .....	360
DEASY, GEORGE F. and PHYLLIS R. GRIESS, Effects of a Declining Mining Economy on the Pennsylvania Anthracite Region .....	239
Developments in the Irrigation Resources of the Sevan-Razdan Cascade of Soviet Armenia, by N. H. Greenwood .....	291
DICKSON, K. B., Evolution of Seaports in Ghana, 1800-1928 .....	98
Effects of a Declining Mining Economy on the Pennsylvania Anthracite Region, by George F. Deasy and Phyllis B. Griess .....	239
Environment, Geography and Ecology: The Concept of the Community and Its Relationship to, by W. B. Morgan and R. P. Moss .....	339
Evolution of Beersheba as an Urban Center, The, by Mildred Berman .....	308

1965  
377  
404  
449  
465  
492  
506  
514  
538  
539  
549  
578  
592  
603  
661  
449  
408  
221  
592  
67  
360  
239  
291  
98  
239  
339  
308

Evolution of Seaports in Ghana, 1800-1928, by K. B. Dickson .....	98
FIELDING, GORDON J., The Role of Government in New Zealand Wheat Growing .....	87
Folk Housing: Key to Diffusion, by Fred Kniffen.....	549
FONAROFF, L. SCHUYLER, Was Huntington Right About Human Nutrition?.....	365
Geographic Evaluation of Climatic and Climato-Genetic Geomorphology, by Lutz Holzner and Glen D. Weaver .....	592
Geography and Ecology: The Concept of the Community and Its Relationship to Environment, by W. B. Morgan and R. P. Moss .....	339
Geography of the American West, 1847-1964, The Mormon Culture Region: Strategies and Patterns in the, by D. W. Meinig .....	191
Government in New Zealand Wheat Growing, The Role of, by Gordon J. Fielding .....	87
Geomorphology, Geographic Evaluation of Climatic and Climato-Genetic, by Lutz Holzner and Glen D. Weaver .....	592
Ghana, 1800-1928, Evolution of Seaports in, by K. B. Dickson .....	98
Glaciation on the Susquehanna River Valley, Some Effects of, by J. G. Nelson .....	404
Grazing Operations in the Flint Hills-Bluestem Pastures of Chase County, Kansas, by Walter F. Kollmorgen and David S. Simonett .....	260
GREENWOOD, N. H., Developments in the Irrigation Resources of the Sevan-Razdan Cascade of Soviet Armenia .....	291
GREGOR, HOWARD F., The Changing Plantation .....	221
GRIESS, PHYLLIS R. and GEORGE F. DEASY, Effects of a Declining Mining Economy on the Pennsylvania Anthracite Region .....	239
GRIGG, DAVID, The Logic of Regional Systems .....	465
HERMAN, THEODORE, George Babcock Cressey, 1896-1963 .....	360
HOLZNER, LUTZ and GLEN D. WEAVER, Geographic Evaluation of Climatic and Climato-Genetic Geomorphology .....	592
Housing: Key to Diffusion, Folk, by Fred Kniffen.....	549
Huntington Right About Human Nutrition?, Was, by L. Schuyler Fonaroff .....	365
Impact of Negro Migration on the Electoral Geography of Flint, Michigan, 1932-1962: A Cartographic Analysis, by Peirce F. Lewis .....	1
Inca Empire, Land-Use Regions in the Central and Northern Portions of the, by Kenneth Kelly .....	327
Jamaica's Bauxite and Alumina Industries, by B. S. Young .....	449
Kansas, Grazing Operations in the Flint Hills-Bluestem Pastures of Chase County, by Walter F. Kollmorgen and David S. Simonett .....	260
KARAN, PRADYUMNA P. (Map Supplement No. 5) The Kingdom of Bhutan .....	661
KELLY, KENNETH, Land-Use Regions in the Central and Northern Portions of the Inca Empire .....	327
KNIFFEN, FRED, Folk Housing: Key to Diffusion.....	549
KOLLMORGEN, WALTER F. and DAVID S. SIMONETT, Grazing Operations in the Flint Hills-Bluestem Pastures of Chase County, Kansas .....	260
Land Colonization in Malaya: An Appraisal of the F.L.D.A. Program, State Aided Rural, by R. Wikramatilleke .....	377
LEWIS, PEIRCE F., Impact of Negro Migration on the Electoral Geography of Flint, Michigan, 1932-1962: A Cartographic Analysis .....	1
LOEFFLER, M. JOHN, The Population Syndromes on the Colorado Piedmont .....	26
Logic of Regional Systems, The, by David Grigg .....	465

Map Supplement No. 5: The Kingdom of Bhutan, by Pradyumna P. Karan .....	661
MEINIG, D. W., The Mormon Culture Region: Strategies and Patterns in the Geography of the American West, 1847-1964 .....	191
Memorial	
George Babcock Cressey, 1896-1963, by Theodore Herman .....	360
Method and Purpose in Functional Town Classification, by Robert H. T. Smith .....	539
MORGAN, W. B. and R. P. MOSS, Geography and Ecology: The Concept of the Community and Its Relationship to Environment .....	339
Mormon Culture Region: Strategies and Patterns in the Geography of the American West, 1847-1964, The, by D. W. Meinig .....	191
MOSS, R. P. and W. B. MORGAN, Geography and Ecology: The Concept of the Community and Its Relationship to Environment .....	339
Negro Migration on the Electoral Geography of Flint, Michigan, 1932-1962: A Cartographic Analysis, Impact of, by Peirce F. Lewis .....	1
NELSON, J. G., Some Effects of Glaciation on the Susquehanna River Valley .....	404
Pennsylvania Anthracite Region, Effects of a Declining Mining Economy on the, by George F. Deasy and Phyllis R. Griess .....	239
Plantation, The Changing, by Howard F. Gregor .....	221
Population Syndromes on the Colorado Piedmont, The, by M. John Loeffler .....	28
Regional Systems, The Logic of, by David Grigg .....	465
Review Articles	
Geographic Evaluation of Climatic and Climato-Genetic Geomorphology, by Lutz Holzner and Glen D. Weaver .....	592
Method and Purpose in Functional Town Classification, by Robert H. T. Smith .....	539
Role of Government in New Zealand Wheat Growing, The, by Gordon J. Fielding .....	87
SIMONETT, DAVID S. and WALTER F. KOLLMORGEN, Grazing Operations in the Flint Hills-Blue-stem Pastures of Chase County, Kansas .....	260
SMITH, ROBERT H. T., Method and Purpose in Functional Town Classification .....	539
Some Effects of Glaciation on the Susquehanna River Valley, by J. G. Nelson .....	404
Soviet Armenia, Developments in the Irrigation Resources of the Sevan-Razdan Cascade of, by N. H. Greenwood .....	291
State Aided Rural Land Colonization in Malaya: An Appraisal of the F.L.D.A. Program, by R. Wik-kramatileke .....	377
Town Classification, Method and Purpose in Functional, by Robert H. T. Smith .....	539
Urban Center, the Evolution of Beersheba as an, by Mildred Berman .....	308
Was Huntington Right About Human Nutrition?, by L. Schuyler Fonaroff .....	365
WEAVER, GLEN D. and LUTZ HOLZNER, Geographic Evaluation of Climatic and Climato-Genetic Geomorphology .....	592
WIKKRAMATILEKE, R., State Aided Rural Land Colonization in Malaya: An Appraisal of the F.L.D.A. Program .....	377
WINNIE, WILLIAM F., Jr., Communal Land Tenure in Chile .....	67
YOUNG, B. S., Jamaica's Bauxite and Alumina Industries .....	449

## TECHNICAL COMMUNICATIONS

Additional Comments on Weighting Values in Correlation Analysis of Areal Data, by Edwin N. Thomas and David L. Anderson .....	492
ANDERSON, DAVID L. and EDWIN N. THOMAS, Additional Comments on Weighting Values in Correlation Analysis of Areal Data .....	492
Beach-Ridge Development in Tabasco, Mexico, by Norbert P. Psuty .....	112

661	BUTZER, KARL W., Desert Landforms at the Kurkur Oasis, Egypt .....	578
191	Cities, Some Generalizations Concerning Primate, by Arnold S. Linsky .....	506
360	CLARK, W. A. V., Markov Chain Analysis in Geography: An Application to the Movement of Rental Housing Areas .....	351
539	Correlation Analysis of Areal Data, Additional Comments on Weighting Values in, by Edwin N. Thomas and David L. Anderson .....	492
339	Desert Landforms at the Kurkur Oasis, Egypt, by Karl W. Butzer .....	578
	Editorial Report .....	190
191	Estimating Precensus Populations: A Method Suggested and Applied to the Towns of Rhode Island and Plymouth Colonies in 1689, by Herbert A. Whitney .....	179
339	Geography: An Application to the Movement of Rental Housing Areas, Markov Chain Analysis in, by W. A. V. Clark .....	351
1	HART, JOHN FRASER and NEIL E. SALISBURY, Population Change in Middle Western Villages: A Statistical Approach .....	140
404	Housing Areas, Markov Chain Analysis in Geography: An Application to the Movement of Rental, by W. A. V. Clark .....	351
239	Landforms at the Kurkur Oasis, Egypt, Desert, by Karl W. Butzer .....	578
221	LINSKY, ARNOLD S., Some Generalizations Concerning Primate Cities .....	506
26	Mapping, A Technique of Morphological, by R. A. G. Savigear .....	514
465	Markov Chain Analysis in Geography: An Application to the Movement of Rental Housing Areas, by W. A. V. Clark .....	351
592	MCDONALD, JAMES R., Publication Trends in a Major French Geographical Journal .....	125
539	Mexico, Beach-Ridge Development in Tabasco, by Norbert P. Psuty .....	112
87	Morphological Mapping, A Technique of, by R. A. G. Savigear .....	514
260	Population Change in Middle Western Villages: A Statistical Approach, by John Fraser Hart and Neil E. Salisbury .....	140
539	Populations: A Method Suggested and Applied to the Towns of Rhode Island and Plymouth Colonies in 1689, Estimating Precensus, by Herbert A. Whitney .....	179
404	PSUTY, NORBERT P., Beach-Ridge Development in Tabasco, Mexico .....	112
291	Publication Trends in a Major French Geographical Journal, by James R. McDonald .....	125
77	ROBERTS, MICHAEL C. and KENNARD W. RUMAGE, The Spatial Variations in Urban Left-Wing Voting in England and Wales in 1951 .....	161
539	RUMAGE, KENNARD W. and MICHAEL C. ROBERTS, The Spatial Variations in Urban Left-Wing Voting in England and Wales in 1951 .....	161
408	SALISBURY, NEIL E. and JOHN FRASER HART, Population Change in Middle Western Villages: A Statistical Approach .....	140
65	SAVIGEAR, R. A. G., A Technique of Morphological Mapping .....	514
92	Some Generalizations Concerning Primate Cities, by Arnold S. Linsky .....	506
77	Spatial Variations in Urban Left-Wing Voting in England and Wales in 1951, The, by Michael C. Roberts and Kennard W. Ramage .....	161
87	Statistical Approach, Population Change in Middle Western Villages: A, by John Fraser Hart and Neil E. Salisbury .....	140
49	Technique of Morphological Mapping, A, by R. A. G. Savigear .....	514
	THOMAS, EDWIN N. and DAVID L. ANDERSON, Additional Comments on Weighting Values in Correlation Analysis of Areal Data .....	492
2	Urban Left-Wing Voting in England and Wales in 1951, The Spatial Variations in, by Michael C. Roberts and Kennard W. Ramage .....	161
2	WHITNEY, HERBERT A., Estimating Precensus Populations: A Method Suggested and Applied to the Towns of Rhode Island and Plymouth Colonies in 1689 .....	179



ABSTRACTS OF PAPERS PRESENTED AT THE 61ST ANNUAL MEETING  
OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS,  
COLUMBUS, OHIO, APRIL 18-21, 1965

Aboriginal Sail in the New World, by Clinton E. Edwards .....	614
Accretionary Beach Morphology in Tabasco, Mexico, by Norbert P. Psuty .....	640
Agricultural Change: A 'Field' Study, by Brian W. Beeley .....	605
Agricultural Development of Former Banana Lands: The West Coast of Costa Rica, by Pierre A. D. Stouse, Jr. ....	651
Agricultural Frontier of the Central Great Plains: A Study in Cultural Geography, "Suitcase" Farming on the, by Leslie Hewes .....	619
Agricultural Geography: A Case Study of Soviet Land Use Policy, The Use of Fodder and Livestock Units in, by Jeremy Anderson .....	603
Agricultural Geography in Communist China, Trend of, by Sen-Dou Chang .....	609
Agricultural Landforms in the New World: A Preface, by Herbert M. Eder .....	614
Agricultural Productivity in Ohio, Roughness of Terrain as a Factor in the Areal Variation of, by Woodford M. Garrigus .....	615
Agricultural Settlement in the Amazon Basin, A Cultural-Ecological View of the Former Existence and Destruction of Dense and Sedentary, by William M. Denevan .....	611
Agriculture, A Typology of World, by Leonard Zolber .....	660
Agriculture, Geographical Patterns of Labor Input as Related to Output Indexes of Scale of Operation in American, by Vaughn P. Manley and Clarence W. Olmstead .....	629
Agriculture in Humid Areas, The Role of Irrigation, by John R. Mather .....	631
Agriculture, Locational Aspects of Cultural Ecology: The Case for the Goat in Non-Western, by John Kolars .....	626
Airline Passenger Regions of the United States, by David A. Smith .....	647
Altaic People Through the Ages, Territorial Development of the, by Bogdan Zaborski .....	658
An Areal Approach to Multiple Land-Use Research, by Merrill K. Ridd .....	641
Andean America, Some Aspects of Centrifugal and Centripetal Forces at Work in, by Raymond E. Crist .....	610
ANDERSON, JEREMY, The Use of Fodder and Livestock Units in Agricultural Geography: A Case Study of Soviet Land Use Policy .....	603
ANDERTON, PETER W. and COLIN BULL, Studies of the Confluence of Two Glaciers in the Ice-field Ranges, Yukon Territory .....	603
ANNETTE, SISTER MARY, O.P., Social Geography—Some Methodological Considerations .....	630
Appalachian Coal Mining Community as Exemplified by the Anthracite Region, Some Changes in the, by Phyllis R. Griess and George F. Deasy .....	617
Appalachian Coal Mining Region 1940-1960, Manufactural Changes in the, by E. Willard Miller .....	634
Appalachian Region in National Perspective, The, by Donald A. Crane .....	610
Appalachians: A Case Study of the Asheville Basin, Patterns of Sequent Occupance in the, by Robert W. Peplies .....	638
Appalachia, The Bases of Unemployment and Employment in, by W. Van Royen and S. Moryadas .....	653
APPLEBAUM, WILLIAM, Store Performance in Relation to Location and Other Characteristics .....	604
Approach to Geographic Interpretation in Support of Development Planning in Central America, An, by Robert L. Thomson .....	652
Approach to the Geography of Consumption, An, by G. Rushten, R. G. Colledge, and W. A. V. Clark .....	643
Arctic Sand Dunes: Process and Form, by H. J. Walker .....	654
Areal Distribution of Types of Daily March of Dew Point in the Contiguous United States, The, by Arthur V. Dodd .....	613
Aristotelian Hearth of Economic Geography and Its Regionalist Implications, The, by Todd Lowry .....	628
ASCHMANN, HOMER, Cultural Geography: Applied and Theoretical .....	604
Association of Tornadoes in Kansas, Oklahoma, and Texas with the Mid-latitude and Subtropical Jet Streams, The, by Richard H. Skaggs .....	647
Attitudes Toward Environment: Themes and Approaches, by Yi-Fu Tuan .....	652
Axis and Allied Strategy in the Mediterranean Theater during the Second World War: Some Observations, by Anthony Sas .....	645
Bases of Unemployment and Employment in Appalachia, The, by W. Van Royen and S. Moryadas .....	653
Basutoland: The Geographical Realities of an Inland Country, by Jacquelyn Beyer .....	605
BECK, ROBERT, Spatial Meaning and the Properties of the Environment .....	604
BEELEY, BRIAN W., Agricultural Change: A 'Field' Study .....	605
Behavioral Approach to Cultural Geography, A, by Joseph Sonnenfeld .....	648
Berbery, The Persistence of, by Marvin W. Mikesell .....	634
BEYER, JACQUELYN, Basutoland: The Geographical Realities of an Inland Country .....	605
BEYERS, WILLIAM B. and MORGAN D. THOMAS, Some Comments on Plant Location and the Theory of Production .....	651

- BORNS, HAROLD W., JR., and RICHARD P. GOLDTHWAIT, Late Pleistocene Fluctuations of Kaskawulsh Glacier, Yukon Territory ..... 606
- Boulder Fields on Bald Eagle Mountain, Pennsylvania, by Anne V. T. Kirkby ..... 626
- BRAMHALL, DAVID F., Planning to Meet Water Needs in Maryland ..... 606
- BROWN, ROBERT WYLIE, Oil Refineries in Africa: Analysis and Implications of a Trend ..... 606
- BROWNELL, JOSEPH W., Changing Hamlets in the Northern Appalachian Plateau ..... 607
- BULL, COLIN and PETER W. ANDERTON, Studies of the Confluence of Two Glaciers in the Icefield Ranges, Yukon Territory ..... 603
- Burning, and the Role of the Charcoal Burner, On Charcoal, by J. E. Spencer ..... 649
- BUTLER, JOSEPH H., The Use of the Digital Computer for a Simplified System Simulation Model in a Water Resource Problem ..... 607
- BUTZER, KARL W., Desert Landforms at the Kurkur Oasis, Egypt ..... 607
- BYRNE, A. R. and J. G. NELSON, Fires, National Parks, and Early Floods in the Bow Valley, Alberta, ..... 636
- "Calcul des Probabilités" and the Ecole Française de Géographie, The, by F. Lukerman ..... 629
- CAREY, GEORGE WARREN, Some Applications of Vector Geometry to an Urban Business Study ..... 608
- CARLSON, ALBERT S., The New England Economy—1965 ..... 608
- Cartographic Materials, Some Aspects of Exhibiting, by Daniel R. Irwin and Tos-Hwa Lee ..... 622
- Central Courthouse Squares in the United States, by Edward T. Price ..... 639
- Central Places in the Middle Ganges Valley, India, Spatial Patterns of, by Kashi N. Singh ..... 647
- Central-Place Theory, Classification Methods in, by Michael Teitz ..... 651
- CHANG, CHI-JEN, On Pastoral Collectivism in the Steppe Land of Inner Mongolia ..... 608
- Changing Commercial Functions of Villages and Hamlets in an Area of Expanding Urbanization: The Hamilton to London Area of Southern Ontario, by Lorie H. Russwurm ..... 644
- Changing Hamlets in the Northern Appalachian Plateau, by Joseph W. Brownell ..... 607
- CHANG, SEN-DOU, Trend of Agricultural Geography in Communist China ..... 609
- Charcoal Burning, and the Role of the Charcoal Burner, On, by J. E. Spencer ..... 649
- Cities, The North American and Central European Cultures and Their Influence Upon, by Lutz Holzner ..... 621
- CLARK, W. A. V., G. RUSHTON, and R. G. GOLLEDGE, An Approach to the Geography of Consumption ..... 643
- Classification Methods in Central-Place Theory, by Michael Teitz ..... 651
- CLAWSON, MARION, Systems in Park Planning ..... 609
- Climatology of Storm Damage to Property in the United States, by George M. Howe and Richard M. Davis ..... 621
- Cold Winter, The Long, by James A. Shear ..... 646
- Comparative Pediment Landforms in Egyptian Nubia and the Red Sea Hills, by Carl L. Hansen ..... 618
- Composting in the Netherlands, by Julius Kaikow ..... 624
- Coral Reef Structure with Pleistocene Sea Levels, Correlation of, by William G. McIntire and Richard J. Russell ..... 632
- COREY, KENNETH E., Urban House Type Systems: An Analytical Approach ..... 609
- Correlation of Coral Reef Structure with Pleistocene Sea Levels, by William G. McIntire and Richard J. Russell ..... 632
- CRANE, DONALD A., The Appalachian Region in National Perspective ..... 610
- CRIST, RAYMOND E., Some Aspects of Centrifugal and Centripetal Forces at Work in Andean America ..... 610
- Cultural-Ecological View of the Former Existence and Destruction of Dense and Sedentary Agricultural Settlement in the Amazon Basin, A, by William M. Denevan ..... 611
- Cultural Geography, A Behavioral Approach to, by Joseph Sonnenfeld ..... 648
- Cultural Geography: Applied and Theoretical, by Homer Aschmann ..... 604
- Culture Differences and Diffusion, Man's Marks on the Landscapes, A Clue to, by Walter Deshler ..... 612
- CURRY, LESLIE, A Stochastic Model of the Soil Moisture Balance ..... 611
- Daniel Carl Solander, The Naturalist on the "Endeavour" Voyage, by Roy A. Rauchenberg ..... 641
- DEASY, GEORGE F. and PHYLLIS R. GRIESS, Some Changes in the Appalachian Coal Mining Community as Exemplified by the Anthracite Region ..... 617
- DEASY, GEORGE F. and PHYLLIS R. GRIESS, Impact of a Tourist Facility on Its Hinterland ..... 611
- Decline of the Commercial Peppermint and Spearmint Industry in the State of Ohio, by James Edward Landing ..... 627
- Defense-Space Research Contracting: A Geographic Problem, by D. Richard Lycan ..... 629
- DENEVAN, WILLIAM M., A Cultural-Ecological View of the Former Existence and Destruction of Dense and Sedentary Agricultural Settlement in the Amazon Basin ..... 611
- Desert Landforms at the Kurkur Oasis, Egypt, by Karl W. Butzer ..... 607
- DESHLER, WALTER, Man's Marks on the Landscape, A Clue to Culture Differences and Diffusion ..... 612
- DICKINSON, JOSHUA CLIFTON, III, Forest Use in a Mexican Ejido: Extra-legal Aspects ..... 612
- Distance and Directional Bias in Intermetropolitan Migrational Streams, by Julian Wolpert ..... 658
- Distribution of Population in Central America: Approaches to Understanding Functional Organization and Dynamics, The, by Robert E. Nunley ..... 637

- DODD, ARTHUR V., The Areal Distribution of Types of Daily March of Dew Point in the Contiguous United States ..... 613
- Domestication Processes Used by Subsistence and Small-Scale Commercial Farmers, by Carl L. Johannesen ..... 623
- DORAN, EDWIN, JR., The Leeboard Problem ..... 613
- DRAINE, EDWIN H., Freight Rate Structure of Middle Western Export Traffic ..... 613
- Economic Geography and Its Regionalist Implications, The Aristotelian Hearth of, by Todd Lowry ..... 628
- Economic Profile of the Los Angeles Area, by Donald W. Griffin ..... 617
- EDER, HERBERT M., Agricultural Landforms in the New World: A Preface ..... 614
- EDWARDS, CLINTON E., Aboriginal Sail in the New World ..... 614
- Effective Agricultural Development of Former Banana Lands: The West Coast of Costa Rica, by Pierre A. D. Stouse, Jr. .... 651
- ENGLISH, PAUL WARD, Nationalism, Secularism, and the Zoroastrians of Kirman: The Impact of Modern Forces on an Ancient Middle Eastern Minority ..... 614
- Environmental Perception and Adaptation Level in the Arctic, by Joseph Sonnenfeld ..... 648
- Environment: Themes and Approaches, Attitudes Toward, by Yi-Fu Tuan ..... 652
- EPSTEIN, BART J., Planning for Retail Saturation in Metropolitan Markets ..... 614
- Evaluation of Landscape Change in the Basin of Mexico, by Berl Golomb ..... 616
- Experimental Changes in the Geography Curriculum of a Secondary School, by James A. Williams ..... 657
- Explanation: An Explanation, On, by Philip L. Wagner ..... 654
- EYDAL, ASTVALDUR, The Fisheries of Iceland: Recent Trends and the Effects of Territorial Expansion ..... 615
- Factors Affecting Recreational Use of National Parks, by Donald J. Volk ..... 653
- Fires, National Parks, and Early Floods in the Bow Valley, Alberta, by J. G. Nelson and A. R. Byrne ..... 636
- Fisheries of Iceland: Recent Trends and the Effects of Territorial Expansion, The, by Astvaldur Eydal ..... 615
- Forest Use in a Mexican Ejido: Extra-legal Aspects, by Joshua Clifton Dickinson, III ..... 612
- Freight Rate Structure of Middle Western Export Traffic, by Edwin H. Draine ..... 613
- Frequency Distribution of Elevation as an Index to Terrain Classification, by James F. Woodruff ..... 658
- GARRIGUS, WOODFORD M., Roughness of Terrain as a Factor in the Areal Variation of Agricultural Productivity in Ohio ..... 615
- GARRISON, W. L., Transportation and Industrial Location ..... 615
- Geographical Appraisal of the First Road Traffic Study in the Liberian Hinterland, A, by William R. Stanley ..... 649
- Geographical Developments Into the Teacher Education Curriculum, Introducing, by Herbert G. Kariel ..... 624
- Geographical Patterns of Labor Input as Related to Output Indexes of Scale of Operation in American Agriculture, by Vaughn P. Manley and Clarence W. Olmstead ..... 629
- Geographical Realities of an Inland Country, Basutoland: The, by Jacquelyn Beyer ..... 605
- Geography as a Basis for Planning in the Republic of Guatemala, by Clarence W. Minkel ..... 635
- Geography Curriculum of a Secondary School, Experimental Changes in the, by James A. Williams ..... 657
- Geography of America, Pehr Lindström, New Sweden, and His, by Roger T. Trindell ..... 652
- Geography of Finnish Place-Names in Minnesota, A, by Matti Kaups ..... 625
- Geography, Towards a New Approach to the Organization of, by Jerzy Zaborski ..... 658
- Glaciers in the Icefield Ranges, Yukon Territory, Studies of the Confluence of Two, by Peter W. Anderson and Colin Bull ..... 603
- GOLDTHWAIT, RICHARD P. and HAROLD W. BORNS, JR., Late Pleistocene Fluctuations of Kaskawulsh Glacier, Yukon Territory ..... 606
- COLLEDGE, R. G., W. A. V. CLARK, and G. RUSHTON, An Approach to the Geography of Consumption ..... 643
- GOLOMB, BERL, Evaluation of Landscape Change in the Basin of Mexico ..... 616
- GOODWIN, WILLIAM, Some Problems in Population and Land-Use Mapping for Marketing Geography in the Inter-Census Years ..... 616
- Graphics for the Blind, Problems in Developing, by Joseph W. Wiedel ..... 656
- GREGOR, HOWARD F., Wage Labor as a Primary Plantation Indicator—As Applied to American Cotton Farms ..... 616
- GRIESS, PHYLLIS R. and GEORGE F. DEASY, Some Changes in the Appalachian Coal Mining Community as Exemplified by the Anthracite Region ..... 617
- GRIESS, PHYLLIS R. and GEORGE F. DEASY, Impact of a Tourist Facility on Its Hinterland ..... 611
- GRIFFIN, DONALD W., Economic Profile of the Los Angeles Area ..... 617
- Growth of Soviet Air Cargo, The, by B. Ross Guest ..... 618
- GUERNSEY, LEE, Strip Coal Mine Reclamation Problems in the Eastern Interior Coal Fields ..... 617
- GUEST, B. ROSS, The Growth of Soviet Air Cargo ..... 618
- HANSEN, CARL L., Comparative Pediment Landforms in Egyptian Nubia and the Red Sea Hills ..... 618
- HARPER, ROBERT A., FRANK H. THOMAS, and THEODORE H. SCHMUDDE, A Regional Approach to Recreational Development in Areas of Economic Decline ..... 651



613	HARRIS, STUART A., Some Economic Factors in the Choice of Crops on Irrigation and Drainage Schemes in the Tropics	618
623	HARTSHORNE, RICHARD, Practical and Academic Regions	619
613	HAUPERT, JOHN S., Jordan's East Ghor Canal Project	619
613	Heat Budget, History of the, by David H. Miller	634
628	HEWES, LESLIE, "Suitcase" Farming on the Agricultural Frontier of the Central Great Plains: A Study in Cultural Geography	619
617	HILL, A. DAVID, Socioeconomic Differentiation of Communities in the Sabana of Bogotá Region of Colombia	620
614	History of the Heat Budget, by David H. Miller	634
614	HODGE, GERALD, The New Vista of Regional Planning—What Role for the Geographer?	620
651	HOLDSWORTH, GERALD, A Study of Transverse Crevasses in the Upper Kaskawulsh Glacier, Yukon Territory, Canada	621
614	HOLZNER, LUTZ, The North American and Central European Cultures and Their Influence Upon Cities	621
648	HOUGH, RICHARD F., Impact of the Drastic Reduction in Silk Reeling on Industry in the Suwa Basin, Japan	621
652	House Type Systems: An Analytical Approach, Urban, by Kenneth E. Corey	609
614	HOWE, GEORGE M. and RICHARD M. DAVIS, A Climatology of Storm Damage to Property in the United States	621
657		
654		
615	Ice Flow on a Glacier Divide, St. Elias Mountains, by Richard Ragle	640
653	Immigrants in America—Their Identity and Functional Relations, Italian, by Joseph Velikonja	653
636	Impact of a Tourist Facility on Its Hinterland, by George F. Deasy and Phyllis R. Griess	611
615	Impact of the Drastic Reduction in Silk Reeling on Industry in the Suwa Basin, Japan, by Richard F. Hough	621
612	Indus Basin Problem, 1965, The, by Aloys A. Michel	634
613	Industrial Economic Research in Louisiana, by Alexander I. Warrington	655
658	Industrialization and Urbanization as Interacting Spatial Processes, by Allan Pred	639
	Inland Dunes in Argentina and Their Stabilization, About, by Fritz Prohaska	639
	Interindustry Relationships in the Philadelphia Metropolitan Area, by Gerald J. Karaska	624
615	Introducing Geographical Developments Into the Teacher Education Curriculum, by Herbert G. Kariel	624
615	Irrigation on the Llano Estacado of Texas—New Mexico, Patterns and Problems of, by Richard E. Stevens	650
	IRWIN, DANIEL R. and TOS-HWA LEE, Some Aspects of Exhibiting Cartographic Materials	622
649	ISAAC, ERICH, Religious Geography and the Geography of Religion	622
624	ISARD, WALTER, Some New Analytical Developments in Regional Science	622
	Isomedians and Human "Watersheds," by Peter H. Nash	636
629	Italian Immigrants in America—Their Identity and Functional Relations, by Joseph Velikonja	653
605		
635	JENSEN, ROBERT G., The Soviet Attitude Toward the Land	622
657	JETT, STEPHEN C., Scenery as a Consideration in Regional Planning	623
652	JOHANNESSEN, CARL L., Domestication Processes Used by Subsistence and Small-Scale Commercial Farmers	623
625	Jordan's East Ghor Canal Project, by John S. Hauptert	619
658		
603	KAIKOW, JULIUS, Composting in the Netherlands	624
	KARASKA, GERALD J., Interindustry Relationships in the Philadelphia Metropolitan Area	624
606	KARIEL, HERBERT G., Introducing Geographical Developments Into the Teacher Education Curriculum	624
643	Karst Depression Development in Southcentral Kentucky, Some Spatial Aspects of Linear, by Placido La Valle	628
616	KATES, ROBERT W., The Perception of Storm Hazard on the Shores of Megalopolis	625
	KAUPS, MATTI, A Geography of Finnish Place-Names in Minnesota	625
616	KING, LESLIE J., Models and Empirical Research	626
656	KIRKBY, ANNE V. T., Boulder Fields on Bald Eagle Mountain, Pennsylvania	626
	KIRKBY, M. J., Measurements of Soil Creep	626
616	KOLARS, JOHN, Locational Aspects of Cultural Ecology: The Case for the Goat in Non-Western Agriculture	626
617	KREISMAN, ARNOLD J., The Proyecto Aerofotogramétrico OEA/CHILE: Land Resources Survey for Development	627
611		
617		
618	Landform-Lithologic Relationships in Portions of the Mississippian Plateaus of Kentucky, by Neil E. Salisbury	644
617	LANDING, JAMES EDWARD, The Decline of the Commercial Peppermint and Spearmint Industry in the State of Ohio	627
618	Land Resources Survey for Development, The Proyecto Aerofotogramétrico OEA/CHILE, by Arnold J. Kreisman	627
651	Landscape Change in the Basin of Mexico, Evaluation of, by Berl Golomb	616

- Landscape Management as Illustrated by the Ritual Foci of Wessex, England, Origins of the Factor of Durability in, by Robert W. Newcomb ..... 637
- Landscape, New Tools for Exploration of the Retail, by Eileen Schell ..... 645
- Lands in Nevada After a Centennium of Statehood, Status and Use of Public, by Glen D. Weaver and Gerald F. Pyle ..... 655
- Land, The Soviet Attitude Toward the, by Robert G. Jensen ..... 622
- Land-Use Research, An Areal Approach to Multiple, by Merrill K. Ridd ..... 641
- Late Pleistocene Fluctuations of Kaskawulsh Glacier, Yukon Territory, by Harold W. Burns, Jr. and Richard P. Goldthwait ..... 606
- LA VALLE, PLACIDO, Some Spatial Aspects of Linear Karst Depression Development in Southcentral Kentucky ..... 628
- LAWTON, R., Population Changes and Population Mobility in Victorian England ..... 628
- Leeboard Problem, The, by Edwin Doran, Jr. .... 613
- LEE, TOS-HWA and DANIEL R. IRWIN, Some Aspects of Exhibiting Cartographic Materials ..... 622
- Limestone Terraces of Barbados, by Richard J. Russell and William G. McIntire ..... 644
- Livestock of Greece, Recent Developments and Prospects in the, by Paul P. Vouras ..... 654
- Locational Aspects of Cultural Ecology: The Case for the Goat in Non-Western Agriculture, by John Kolars ..... 626
- Location and Other Characteristics, Store Performance in Relation to, by William Applebaum ..... 604
- London Conurbation-Areal Variations in the Labour Party Vote (1951), The, by Kennard W. Ramage and Michael C. Roberts ..... 643
- Long Cold Winter, The, by James A. Shear ..... 646
- LOWRY, TODD, The Aristotelian Hearth of Economic Geography and Its Regionalist Implications ..... 628
- LUKERMAN, F., The "Calcul des Probabilités" and the Ecole Française de Géographie ..... 629
- LYCAN, D. RICHARD, Defense-Space Research Contracting: A Geographic Problem ..... 629
- LYNCH, KEVIN, The View from the Road ..... 629
- MANLEY, VAUGHN P. and CLARENCE W. OLMSTEAD, Geographical Patterns of Labor Input as Related to Output Indexes of Scale of Operation in American Agriculture ..... 629
- Man's Marks on the Landscape, A Clue to Culture Differences and Diffusion, by Walter Deshler ..... 612
- Manufactural Changes in the Appalachian Coal Mining Region 1940-1960, by E. Willard Miller ..... 634
- Map of the Wild Fur Harvest in Anglo America, A, by Charles Edwin Williams ..... 656
- Maps in Ohio, Nineteenth Century Cadastral, by Walter W. Ristow ..... 642
- MARCUS, MELVIN G., Temperature Relationships in a Glacier Environment, St. Elias Mountains, Yukon Territory ..... 630
- Marketing Geography in the Inter-Census Years, Some Problems in Population and Land-Use Mapping for, by William Goodwin ..... 616
- MATHER, JOHN R., The Role of Irrigation Agriculture in Humid Areas ..... 631
- MATLEY, IAN M., Veldhoven: The Rural-Urban Fringe in the Netherlands ..... 631
- McCOLL, ROBERT W., Political Geography as Political Ecology ..... 631
- McCONNELL, HAROLD, Spatial Variability of College Enrollment as a Function of Migration Potential ..... 632
- McDONALD, JAMES R., The Repatriation of French Algerians, 1962-1963 ..... 632
- McINTIRE, WILLIAM G. and RICHARD J. RUSSELL, Correlation of Coral Reef Structure with Pleistocene Sea Levels ..... 632
- McINTIRE, WILLIAM G. and RICHARD J. RUSSELL, Limestone Terraces of Barbados ..... 644
- McKINNEY, WILLIAM M., Writing as a Skill in Research ..... 633
- McKNIGHT, TOM L., Rearranging the Ungulates ..... 633
- Measurements of Soil Creep, by M. J. Kirkby ..... 626
- Medicinal Plants of the Southern Highlands, by Eugene J. Wilhelm, Jr. .... 656
- Megalopolis, The Perception of Storm Hazard on the Shores of, by Robert W. Kates ..... 625
- MICHEL, ALOYS A., The Indus Basin Problem, 1965 ..... 634
- Migrational Streams, Distance and Directional Bias in Intermetropolitan, by Julian Wolpert ..... 658
- Migration in England and Wales, 1951-1961, Natural Change and Net, by John W. Webb ..... 655
- Migration Potential, Spatial Variability of College Enrollment as a Function of, by Harold McConnell ..... 632
- MIKESELL, MARVIN W., The Persistence of Berbery ..... 634
- MILLER, DAVID H., History of the Heat Budget ..... 634
- MILLER, E. WILLARD, Manufactural Changes in the Appalachian Coal Mining Region 1940-1960 ..... 634
- MINKEL, CLARENCE W., Geography as a Basis for Planning in the Republic of Guatemala ..... 635
- Models and Empirical Research, by Leslie J. King ..... 626
- Morphological Changes Along the Coast of West Pakistan, Recent, by Rodman E. Snead ..... 648
- MORRISON, CHARLES C., JR., The Nationwide Plan for Outdoor Recreation: Initial Concepts and Procedures ..... 635
- MORYADAS, S. and W. VAN ROYEN, The Bases of Unemployment and Employment in Appalachia ..... 653
- MUCKLESTON, KEITH W., Russian Use of the Volga Prior to 1870 ..... 636

637	NASH, PETER H., Isomedians and Human "Watersheds" .....	636
645	Nationalism, Secularism, and the Zoroastrians of Kirman: The Impact of Modern Forces on an Ancient Middle Eastern Minority, by Paul Ward English .....	614
655	Nationwide Plan for Outdoor Recreation: Initial Concepts and Procedures, The, by Charles C. Morrison, Jr. ....	635
622	Natural Change and Net Migration in England and Wales, 1951-1961, by John W. Webb .....	655
641	Nature and Function of Growth Poles in Economic Development, The, by John B. Parr .....	638
606	NELSON, J. G. and A. R. BYRNE, Fires, National Parks, and Early Floods in the Bow Valley, Alberta .....	636
628	NEWCOMB, ROBERT M., Origins of the Factor of Durability in Landscape Management as Illustrated by the Ritual Foci of Wessex, England .....	637
628	New England Economy—1965, The, by Albert S. Carlson .....	608
613	NEWLING, BRUCE E., Urban Growth and Spatial Structure: Mathematical Models and Empirical Evidence .....	637
622	New Tools for Exploration of the Retail Landscape, by Eileen Schell .....	645
644	New Vista of Regional Planning—What Role for the Geographer?, The, by Gerald Hodge .....	620
654	Nineteenth Century Cadastral Maps in Ohio, by Walter W. Ristow .....	642
626	North American and Central European Cultures and Their Influence Upon Cities, The, by Lutz Holzner .....	621
604	NUNLEY, ROBERT E., The Distribution of Population in Central America: Approaches to Understanding Functional Organization and Dynamics .....	637
643	Oil Refineries in Africa: Analysis and Implications of a Trend, by Robert Wylie Brown .....	606
646	OLMSTEAD, CLARENCE W. and VAUGHN P. MANLEY, Geographical Patterns of Labor Input as Related to Output Indexes of Scale of Operation in American Agriculture .....	629
628	Origins of the Factor of Durability in Landscape Management as Illustrated by the Ritual Foci in Wessex, England, by Robert M. Newcomb .....	637
629	Overseas Travel by American Civilians Since World War II, by Morton D. Winsberg .....	657
629	PARR, JOHN B., The Nature of Growth Poles in Economic Development .....	638
612	Pastoral Collectivism in the Steppe Land of Inner Mongolia, by Chi-Jen Chang .....	608
634	Patterns and Problems of Irrigation on the Llano Estacado of Texas-New Mexico, by Richard E. Stevens .....	650
656	Patterns of Sequent Occupance in the Southern Appalachians: A Case Study of the Asheville Basin, by Robert W. Peplies .....	638
642	Pehr Lindström, New Sweden, and His Geography of America, by Roger T. Trindell .....	652
630	PEPLIES, ROBERT W., Patterns of Sequent Occupance in the Southern Appalachians: A Case Study of the Asheville Basin .....	638
616	Perception of Storm Hazard on the Shores of Megalopolis, The, by Robert W. Kates .....	625
631	Persistence of Berbery, The, by Marvin W. Mikesell .....	634
631	Planning for Retail Saturation in Metropolitan Markets, by Bart J. Epstein .....	614
631	Planning in Central America, An Approach to Geographic Interpretation in Support of Development, by Robert L. Thorson .....	652
632	Planning in the Republic of Guatemala, Geography as a Basis for, by Clarence W. Minkel .....	635
632	Planning on Urban Land Development, Selected Geographical Effects of German, by Dean S. Rugg .....	643
632	Planning, Scenery as a Consideration in Regional, by Stephen C. Jett .....	623
632	Planning, System in Park, by Marion Clawson .....	609
644	Planning to Meet Water Needs in Maryland, by David F. Bramhall .....	606
633	Planning—What Role for the Geographer?, The New Vista of Regional, by Gerald Hodge .....	620
633	Plantation Indicator—As Applied to American Cotton Farms, Wage Labor as a Primary, by Howard F. Gregor .....	616
626	Plant Location and the Theory of Production, Some Comments on, by Morgan D. Thomas and William B. Beyers .....	651
656	Plants of the Southern Highlands, Medicinal, by Eugene J. Wilhelm, Jr. ....	656
625	Political Geography as Political Ecology, by Robert W. McColl .....	631
634	Population and Progress in Central America and the West Indies: the Implications of Changing Spatial Patterns, by Wilbur Zelinsky .....	659
658	Population Changes and Population Mobility in Victorian England, by R. Lawton .....	628
655	Population Distribution of El Salvador, The, by Joseph T. Sinclair .....	646
632	Population in Central America: Approaches to Understanding Functional Organization and Dynamics, the Distribution of, by Robert E. Nunley .....	637
634	Practical and Academic Regions, by Richard Hartshorne .....	619
634	PRED, ALLAN, Industrialization and Urbanization as Interacting Spatial Processes .....	639
635	PRICE, EDWARD T., Central Courthouse Squares in the United States .....	639
626	Problems in Developing Graphics for the Blind, by Joseph W. Wiedel .....	656
648	PROHASKA, FRITZ, About Inland Dunes in Argentina and Their Stabilization .....	639
635	Proyecto Aerofotogramétrico OEA/CHILE: Land Resources Survey for Development, by Arnold J. Kreisman .....	627
653	PSUTY, NORBERT P., Accretionary Beach Morphology in Tabasco, Mexico .....	640

PYLE, GERALD F. and GLEN D. WEAVER, Status and Use of Public Lands in Nevada After a Centen- nium of Statehood .....	655
QUINN, FRANK J., Western Water Transfers Along and Beyond the Rural-Urban Fringe .....	640
Radar as a Tool for Surveys of Undeveloped Areas, by Robert B. Simpson .....	646
RAGLE, RICHARD, Ice Flow on a Glacier Divide, St. Elias Mountains .....	640
Railroads? What Is Wrong With New England, by William H. Wallace .....	654
RAUCHENBERG, ROY A., Daniel Carl Solander, The Naturalist on the "Endeavour" Voyage .....	641
Rearranging the Ungulates, by Tom L. McKnight .....	633
Recent Changes in Water Transportation in the Upper Ohio River Valley, by Frank Seawall .....	645
Recent Developments and Prospects in the Livestock of Greece, by Paul P. Vouras .....	654
Recent Evidence on the Extent of Late-Glacial Ice in Northern Scotland, by Roger John Rice .....	641
Recent Morphological Changes Along the Coast of West Pakistan, by Rodman E. Snead .....	648
Recreation: Initial Concepts and Procedures, The Nationwide Plan for Outdoor, by Charles C. Morrison, Jr. ....	635
Recreational Development in Areas of Economic Decline, A Regional Approach to, by Frank H. Thomas, Theodore H. Schmudde, and Robert A. Harper .....	651
Recreational Travel in Ontario, by R. I. Wolfe .....	658
Recreational Use of National Parks, Factors Affecting, by Donald J. Volk .....	653
Regional Approach to Recreational Development in Areas of Economic Decline, A, by Frank H. Thomas, Theodore H. Schmudde, and Robert A. Harper .....	651
Regional Science, Some New Analytical Developments in, by Walter Isard .....	622
Regions, Practical and Academic, by Richard Hartshorne .....	619
Religious Geography and the Geography of Religion, by Erich Isaac .....	622
Repatriation of French Algerians, 1962-1963, The, by James R. McDonald .....	632
Research, Models and Empirical, by Leslie J. King .....	626
Reshaping of South Beach, Crescent City, California, after the Tsunami of March 27-28, 1964, The, by James Arthur Roberts .....	642
RICE, ROGER JOHN, Recent Evidence on the Extent of Late-Glacial Ice in Northern Scotland .....	641
RIDD, MERRILL K., An Areal Approach to Multiple Land-Use Research .....	641
RISTOW, WALTER W., Nineteenth Century Cadastral Maps in Ohio .....	642
ROBERTS, JAMES ARTHUR, The Reshaping of South Beach, Crescent City, California, after the Tsunami of March 27-28, 1964 .....	642
ROBERTS, MICHAEL C. and KENNARD W. RUMAGE, The London Conurbation-Areal Variations in the Labour Party Vote (1951) .....	643
Role of Irrigation Agriculture in Humid Areas, The, by John R. Mather .....	631
Roughness of Terrain as a Factor in the Areal Variation of Agricultural Productivity in Ohio, by Wood- ford M. Carrigus .....	615
RUDD, ROBERT D., Temporal Precipitation Patterns in Western Oregon .....	642
RUGG, DEAN S., Selected Geographical Effects of German Planning on Urban Land Development .....	643
RUMAGE, KENNARD W. and MICHAEL C. ROBERTS, The London Conurbation-Areal Variations in the Labour Party Vote (1951) .....	643
Rural Settling Guides for Normandy from Norden, by Kirk H. Stone .....	650
Rural-Urban Fringe in the Netherlands, Veldhoven: The, by Ian M. Matley .....	631
Rural-Urban Fringe, Western Water Transfers Along and Beyond the, by Frank J. Quinn .....	640
RUSHTON, G., R. G. GOLLEDGE, and W. A. V. CLARK, An Approach to the Geography of Con- sumption .....	643
RUSSELL, RICHARD J. and WILLIAM G. MCINTIRE, Correlation of Coral Reef Structure with Pleisto- cene Sea Levels .....	632
RUSSELL, RICHARD J. and WILLIAM G. MCINTIRE, Limestone Terraces of Barbados .....	644
Russian Use of the Volga Prior to 1870, by Keith W. Muckleston .....	636
RUSSWURM, LORNE H., Changing Commercial Functions of Villages and Hamlets in an Area of Expanding Urbanization: The Hamilton to London Area of Southern Ontario .....	644
SALISBURY, NEIL E., Landform-Lithologic Relationships in Portions of the Mississippian Plateaus of Kentucky .....	644
SAS, ANTHONY, Axis and Allied Strategy in the Mediterranean Theater during the Second World War: Some Observations .....	645
Scenery as a Consideration in Regional Planning, by Stephen C. Jett .....	623
SHELL, EILEEN, New Tools for Exploration of the Retail Landscape .....	645
SCHMUDDE, THEODORE H., ROBERT A. HARPER, and FRANK H. THOMAS, A Regional Approach to Recreational Development in Areas of Economic Decline .....	651
SEAWALL, FRANK, Recent Changes in Water Transportation in the Upper Ohio River Valley .....	645
Selected Geographical Effects of German Planning on Urban Land Development, by Dean S. Rugg .....	643
SHEAR, JAMES A., The Long Cold Winter .....	646



655	SIMPSON, ROBERT B., Radar as a Tool for Surveys of Undeveloped Areas	646
640	SINCLAIR, JOSEPH T., The Population Distribution of El Salvador	646
640	SINGH, KASHI N., Spatial Patterns of Central Places in the Middle Ganges Valley, India	647
646	SKAGGS, RICHARD H., The Association of Tornadoes in Kansas, Oklahoma, and Texas with the Mid-latitude and Subtropical Jet Streams	647
654	SMITH, DAVID A., Airline Passenger Regions of the United States	647
654	SNEAD, RODMAN E., Recent Morphological Changes Along the Coast of West Pakistan	648
641	Social Geography—Some Methodological Considerations, by Sister Mary Annette, O.P.	630
633	Socioeconomic Differentiation of Communities in the Sabana of Bogotá Region of Colombia, by A. David Hill	620
645	Soil Creep, Measurements of, by M. J. Kirkby	626
654	Soil Moisture Balance, A Stochastic Model of the, by Leslie Curry	611
641	Some Applications of Vector Geometry to an Urban Business Study, by George Warren Carey	608
648	Some Aspects of Centrifugal and Centripetal Forces at Work in Andean America, by Raymond E. Crist	610
635	Some Aspects of Exhibiting Cartographic Materials, by Daniel R. Irwin and Tos-Hwa Lee	622
651	Some Changes in the Appalachian Coal Mining Community as Exemplified by the Anthracite Region, by Phyllis R. Griess and George F. Deasy	617
658	Some Comments on Plant Location and the Theory of Production, by Morgan D. Thomas and William B. Beyers	651
653	Some Economic Factors in the Choice of Crops on Irrigation and Drainage Schemes in the Tropics, by Stuart A. Harris	618
651	Some New Analytical Developments in Regional Science, by Walter Isard	622
622	Some Problems in Population and Land-Use Mapping for Marketing Geography in the Inter-Census Years, by William Goodwin	616
619	Some Spatial Aspects of Linear Karst Depression Development in Southcentral Kentucky, by Placido La Valle	628
622	SONNENFELD, JOSEPH, A Behavioral Approach to Cultural Geography	648
632	SONNENFELD, JOSEPH, Environmental Perception and Adaptation Level in the Arctic	648
626	Soviet Air Cargo, The Growth of, by B. Ross Guest	618
642	Soviet Attitude Toward the Land, The, by Robert G. Jensen	622
641	SPARICIO, FRANK J., Trading Area Variations for Different Goods Sold in the Same Store	649
642	Spatial Meaning and the Properties of the Environment, by Robert Beck	604
642	Spatial Patterns of Central Places in the Middle Ganges Valley, India, by Kashi N. Singh	647
643	Spatial Variability of College Enrollment as a Function of Migration Potential, by Harold McConnell	632
631	SPENCER, J. E., On Charcoal Burning, and the Role of the Charcoal Burner	649
615	STANLEY, WILLIAM R., A Geographical Appraisal of the First Road Traffic Study in the Liberian Hinterland	649
642	Status and Use of Public Lands in Nevada After a Centennium of Statehood, by Glen D. Weaver and Gerald F. Pyle	655
643	STEVENS, RICHARD E., Patterns and Problems of Irrigation on the Llano Estacado of Texas—New Mexico	650
643	Stochastic Model of the Soil Moisture Balance, A, by Leslie Curry	611
650	STONE, KIRK H., Rural Settling Guides for Normam from Norden	650
631	Store Performance in Relation to Location and Other Characteristics, by William Applebaum	604
640	STOUSE, PIERRE A. D., JR., Effective Agricultural Development of Former Banana Lands: The West Coast of Costa Rica	651
643	Strip Coal Mine Reclamation Problems in the Eastern Interior Coal Fields, by Lee Guernsey	617
632	Studies of the Confluence of Two Glaciers in the Icefield Ranges, Yukon Territory, by Peter W. Anderton and Colin Bull	603
644	Study of Transverse Crevasses in the Upper Kaskawulsh Glacier, Yukon Territory, Canada, A, by Gerald Holdsworth	621
636	Subsistence and Small-Scale Commercial Farmers, Domestication Processes Used by, by Carl L. Johansen	623
644	"Suitcase" Farming on the Agricultural Frontier of the Central Great Plains: A Study in Cultural Geography, by Leslie Hewes	619
644	System in Park Planning, by Marion Clawson	609
645	TEITZ, MICHAEL, Classification Methods in Central-Place Theory	651
623	Temperature Relationships in a Glacier Environment, St. Elias Mountains, Yukon Territory, by Melvin G. Marcus	630
645	Temporal Precipitation Patterns in Western Oregon, by Robert D. Rudd	642
651	Terrain Classification, Frequency Distribution of Elevation as an Index to, by James F. Woodruff	658
645	Territorial Development of the Altaic People Through the Ages, by Bogdan Zaborski	658
643	THOMAS, FRANK H., THEODORE H. SCHMUDDE, and ROBERT A. HARPER, A Regional Approach to Recreational Development in Areas of Economic Decline	651



THOMAS, MORGAN D. and WILLIAM B. BEYERS, Some Comments on Plant Location and the Theory of Production .....	651
THOMSON, ROBERT L., An Approach to Geographic Interpretation in Support of Development Planning in Central America .....	652
Tornadoes in Kansas, Oklahoma, and Texas with the Mid-latitude and Subtropical Jet Streams, The Association of, by Richard H. Skaggs .....	647
Tourist Facility on Its Hinterland, Impact of a, by George F. Deasy and Phyllis R. Griess .....	611
Towards a New Approach to the Organization of Geography, by Jerzy Zaborski .....	650
Trading Area Variations for Different Goods Sold in the Same Store, by Frank J. Sparicio .....	640
Transportation and Industrial Location, by W. L. Garrison .....	615
Trend of Agricultural Geography in Communist China, by Sen-Dou Chang .....	600
TRINDELL, ROGER T., Pehr Lindeström, New Sweden, and His Geography of America .....	652
Tropics, Some Economic Factors in the Choice of Crops on Irrigation and Drainage Schemes in the, by Stuart A. Harris .....	11
TUAN, YI-FU, Attitudes Toward Environment: Themes and Approaches .....	652
Typology of World Agriculture, A, by Leonard Zabler .....	600
Ungulates, Rearranging the, by Tom L. McKnight .....	633
Urban Business Study, Some Applications of Vector Geometry to an, by George Warren Carey .....	608
Urban Growth and Spatial Structure: Mathematical Models and Empirical Evidence, by Bruce E. Newling .....	637
Urban House Type Systems: An Analytical Approach, by Kenneth E. Corey .....	600
Urbanization as Interacting Spatial Processes, Industrialization and, by Allan Pred .....	630
Use of Fodder and Livestock Units in Agricultural Geography: A Case Study of Soviet Land Use Policy, The, by Jeremy Anderson .....	603
Use of the Digital Computer for a Simplified System Simulation Model in a Water Resource Problem, The, by Joseph H. Butler .....	607
VAN ROYEN, W. and S. MORYADAS, The Bases of Unemployment and Employment in Appalachia .....	653
Veldhoven: The Rural-Urban Fringe in the Netherlands, by Ian M. Matley .....	631
VELIKONJA, JOSEPH, Italian Immigrants in America—Their Identity and Functional Relations .....	653
View from the Road, The, by Kevin Lynch .....	620
VOLK, DONALD J., Factors Affecting Recreational Use of National Parks .....	653
VOURAS, PAUL P., Recent Developments and Prospects in the Livestock of Greece .....	654
Wage Labor as a Primary Plantation Indicator—As Applied to American Cotton Farms, by Howard F. Gregor .....	616
WAGNER, PHILIP L., On Explanation: An Explanation .....	654
WALKER, H. J., Arctic Sand Dunes: Process and Form .....	654
WALLACE, WILLIAM H., What Is Wrong With New England Railroads? .....	654
WARRINGTON, ALEXANDER I., Industrial Economic Research in Louisiana .....	655
Water Transportation in the Upper Ohio River Valley, Recent Changes in, by Frank Seawall .....	645
WEAVER, GLEN D. and GERALD F. PYLE, Status and Use of Public Lands in Nevada After a Centennial of Statehood .....	655
WEBB, JOHN W., Natural Change and Net Migration in England and Wales, 1951-1961 .....	655
Western Water Transfers Along and Beyond the Rural-Urban Fringe, by Frank J. Quinn .....	640
What Is Wrong With New England Railroads?, by William H. Wallace .....	654
WIEDEL, JOSEPH W., Problems in Developing Graphics for the Blind .....	650
WILHELM, EUGENE J., JR., Medicinal Plants of the Southern Highlands .....	650
WILLIAMS, CHARLES EDWIN, A Map of the Wild Fur Harvest in Anglo America .....	650
WILLIAMS, JAMES A., Experimental Changes in the Geography Curriculum of a Secondary School .....	657
WINSBERG, MORTON D., Overseas Travel by American Civilians Since World War II .....	657
WOLFE, R. I., Recreational Travel in Ontario .....	658
WOLPERT, JULIAN, Distance and Directional Bias in Intermetropolitan Migrational Streams .....	658
WOODRUFF, JAMES F., Frequency Distribution of Elevations as an Index to Terrain Classification .....	658
Writing as a Skill in Research, by William M. McKinney .....	633
ZABORSKI, BOGDAN, Territorial Development of the Altaic People Through the Ages .....	658
ZABORSKI, JERZY, Towards a New Approach to the Organization of Geography .....	650
ZELINSKY, WILBUR, Population and Progress in Central America and the West Indies; the Implications of Changing Spatial Patterns .....	650
ZOBLER, LEONARD, A Typology of World Agriculture .....	660

1966

y 651

652

647

611

659

640

615

600

652

y 18

652

660

633

608

637

609

630

603

607

653

631

653

629

653

654

616

654

654

655

645

655

655

640

654

656

656

656

657

657

658

658

658

633

658

650

650

660